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OCT 2 8 1977

Docket No. 50-220

Niagara Mohawk Power Corporation
ATTN: Mr. Gerald K. Rhode
Vice President - Engineering
300 Erie Boulevard West
Syracuse, New York 13202

Gentlemen:

RE: NINE MILE POINT NUCLEAR STATION UNIT NO. 1

By letter dated May 20, 1977, we requested certain specific information concerning your reactor vessel, its materials of construction, and surveillance specimens. Although your letters of July 22, 1977, and August 18, 1977, submitted in response to this request, provided a useful general discussion outlining the adequacy of your surveillance program, and the basis for your belief that the surveillance specimens are reasonably representative of the limiting materials in the reactor vessel beltline region, they do not provide all the specific items of information requested.

This specific information is needed by the staff to verify that the operating limits in your Technical Specifications are in accordance with Appendices G and H to 10CFR50, and to assure that these limits are updated correctly throughout the life ot the plant.

It is recognized that new material testing requirements were imposed by Appendices G and H, and therefore some of the material test results requested may not be available. If this is the case for your reactor vessel, please provide the results of the tests that were performed, and estimate the missing information in accordance with the guidance given in Section 5.3.2 of the Standard Review Plan.

As noted in our earlier letter on this subject, recent information indicates that some materials may be affected more by radiation than originally anticipated, leading to uncertainties in toughness properties throughout service life. Without more detailed information, estimates will have to be made on a conservative "worst case" basis. This will most likely result in

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overly conservative pressure-temperature limits, such as inconveniently high restrictions on the minimum temperature for core criticality.

Accordingly, we reiterate our request that you supply each of the specific items of information listed in the enclosure to our letter of May 20, 1977, and request that such submittal be made within 60 days of receipt of this letter.

Sincerely,

Original signed by

George Lear, Chief
Operating Reactors Branch #3
Division of Operating Reactors

cc: Eugene B. Thomas, Jr., Esquire
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